Digital Color CCD Camera

CCTV SYSTEM

WWW.q-see.com

A.FEATURES:

This camera uses CCD as image capture device, so it is very small and light, anti-shock. It is your best choice for CCTV system:

(1) High Resolution.
The horizontal resolution is 480(420)TVL.

(2) Auto Electronic shutter (AES).
AES can modify the CCD exposure time automatically. A stable brightness and excellent exposured image will be captured no matter the outer light source is strong or weak. ON and OFF are switchable.

(3) Back Light compensation (BLC).
A new developpde digital illumination intensity control function makes use of DPS technology to solve the shadow problem by modifying iris and gain.

(4) Auto Gain Control (AGC).

(5) Auto Iris Lens VIDEO and DC drive.

B.PRECAUTIONS:

(1) Don`t aim the camera at strong light or put in a place where is rainny or dusty;

(2) Don`t touch CCD with finger,if necessary,Please clean the dust with soft cloth dipped with alcohol;

(3) Screw the anti-dust cap on the CCD if the camera are not used for long time;

(4) Power supply refer to the specificatlon;

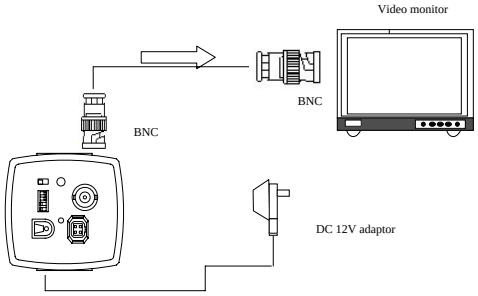
(5) Please handle with care to avoid strong shock.

C.Parts Included:

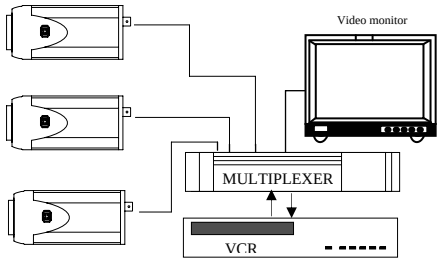
(1) One Camera (2) One Operation Manual (3) One Anti-dust Cap
(4) One C Ring (5) One IRIS Conventor (E4-191J-100)

D.System Connection:

(1) One monitor system with one camera:

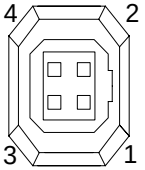


(2) One monitor system with two or more cameras:



(3) Auto Iris Lens:
(a) IRIS pin definition
(b) Modify level knob to get the best image quality

IRIS pin definitions



1.DAMP-/POWER
2.DAMP+/NC
3.DRIVE+/VIDEO
4.GND AES

E.OPERATION PROCEDURES:

(1) Mak sure the power supply is right.

(2) Screw on a suitable lens on the camera.

(3) Connect the VIDEO output into monitor, Make sure the power supply is on, and the the image capturde by camera should appear in the monitor.

(4) Modify the Iris and focus to get the best image quality.

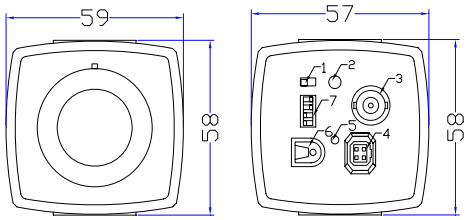
(5) Background Focus Modification:
The background focus is usually up before the camera is selled. But under some special status. Background focus need to be modified. When modify it , put lens focus at ∞, capture an image of object 20m far away , screw off the fix screw to modify the focal position to get a clear image on the monitor, and then fix the fix screw.

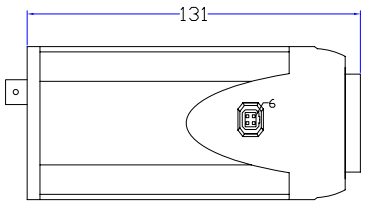
(6) Electronic shutter:
Under EE model, the shutter speed will modified according to the surrounding illumination.

F.SPECIFICATIONS:

Model	QPSCDC(A)
Image Sensor	1/3"SHARP CCD
Picture Elements	PAL/NTSC:752(H)×582(V)
Horizontal Resolution	420TVL
Sync System	Internal
Scanning system	Interlace2:1
Eleotronic Shutter time	1.0Vp-p 750Ω BNC
White Balance	On/Off
Gamma	0.45
S/N Ratio	≥50dB
Video Output	PAL /NTSC:1/50S~1/100000S
Usable Illumination	0.5Lux/0Lux
AGC	On/Off
BLC	On/Off
Auto Iris	Video/DC
Mount Lens	C/CS
Lens	3.5mm~8mm
Power Supply	DC12V
Power Consumption	120mA
Operating	-20℃～+60℃
Weight	350g

Specification:





Design and specification are subject to Change without prior notice.
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